

Report for *Carnegiea gigantea*

TAXON DETAILS

Classification

Scientific Name	<i>Carnegiea gigantea</i> (Engelm.) Britt. & Rose
Common Name	saguaro
Family	Cactaceae
Element Code	PDCAC12010
USDA Plants Symbol	<u>CAGI10</u>
Synonyms/Other Names	<u><i>Cereus giganteus</i> Engelm.</u>

Conservation Status

California Rare Plant Rank	2B.2
Global Rank	G5
State Rank	S1
CESA	None
FESA	None
Other Status	IUCN_LC; SB_CalBG/RSABG
CRPR Changes	changed from 2.2 to 2B.2 on 2013-06-12
Date Added	1984-01-01
Last Update	2021-07-14

Ecology and Life History

Lifeform	perennial stem
Blooming Period	May-Jun
Elevation m (ft)	50-1500 (165-4920)
General Habitats	Sonoran desert scrub (rocky)
Microhabitat Details	
Microhabitat	

Threat List Data from the CNDDDB

Threat List Total:		8
	Total EOs	Percent EOs
EOs with Threats Listed	9	30%
Threat List:		
Road/trail construction/maint.	4	13%
Recreational use (non-ORV)	3	10%
ORV activity	2	6%
Altered flood/tidal/hydrologic regime	2	6%
Erosion/runoff	2	6%
Non-native animal impacts	1	3%
Development	1	3%
Vandalism/dumping/litter	1	3%

Element Occurrence Data from the CNDDDB

Total Element Occurrences:	30
Element Occurrence Ranks:	
Excellent (A)	4
Good (B)	9
Fair (C)	1
Poor (D)	1
None (X)	0
Unknown (U)	15
Occurrence Status	
Historical, > 20 years	11
Recent, < 20 years	19
Presence	
Presumed Extant	30
Possibly Extirpated	0
Presumed Extirpated	0

Location

California Endemic	No
Counties	
Imperial (IMP), San Bernardino (SBD)	
States	
Arizona (AZ), California (CA), Sonora, Mexico (SO)	
Quads	
Buzzards Peak (3311427), Gene Wash (3411432), Laguna Dam (3211474), Mt. Barrow (3311428), Palo Verde Peak (3311437), Picacho NW (3311426), Thumb Peak (3311447), Whipple Mts. SW (3411434), Whipple Wash (3411433)	

Notes

Definitions of codes preceding a county and/or quad:

* Presumed extirpated

(*) Possibly extirpated

Species may be present in other areas where conditions are favorable. These data should NOT be substituted for pre-project review or for on-site surveys.

Notes

Need precise locality information for quad 75 in RIV Co. Possibly threatened by vehicles and recreational shooting. State flower of AZ, where state-listed as Highly Safeguarded. See *Journal of the New York Botanical Garden* 9:188 (1908) for revised nomenclature.

Threats

Taxononmy

Selected References

Suggested Citation

California Native Plant Society, Rare Plant Program. 2024. Rare Plant Inventory (online edition, v9.5). Website <https://www.rareplants.cnps.org> [accessed 12 May 2024].